

| L Number | Hits | Search Text  | DB    | Time stamp       |
|----------|------|--|-------|------------------|
| 1        | 3240 | 707/3-6.ccls.  | USPAT | 2003/01/22 14:18 |
| 2        | 206  | 707/3-6.ccls. and (image near5 (query or search))  | USPAT | 2003/01/22 14:19 |
| 3        | 63   | (707/3-6.ccls. and (image near5 (query or search))) and normaliz\$6  | USPAT | 2003/01/22 14:22 |
| 4        | 32   | ((707/3-6.ccls. and (image near5 (query or search))) and normaliz\$6) and (content near4 base\$2)  | USPAT | 2003/01/22 14:22 |
| -        | 209  | 382/293.ccls.  | USPAT | 2003/01/22 14:17 |
| -        | 287  | 382/291.ccls.  | USPAT | 2002/12/03 16:11 |
| -        | 272  | 382/294.ccls.  | USPAT | 2002/12/03 16:12 |
| -        | 152  | 382/295.ccls.  | USPAT | 2002/12/03 16:12 |
| -        | 249  | 382/296.ccls.  | USPAT | 2002/12/03 16:12 |
| -        | 1328 | 382/293.ccls. 382/305.ccls. 382/291.ccls. 382/294.ccls. 382/295.ccls. 382/296.ccls. 382/293.ccls. 382/305.ccls. 382/291.ccls. 382/294.ccls. 382/295.ccls. 382/296.ccls.) and bitmap  | USPAT | 2002/12/03 16:13 |
| -        | 22   | 382/305.ccls. and ((382/293.ccls. 382/305.ccls. 382/291.ccls. 382/294.ccls. 382/295.ccls. 382/296.ccls.) and bitmap)   | USPAT | 2002/12/03 16:16 |
| -        | 2816 | image near5 (query or search)  | USPAT | 2003/01/22 14:18 |
| -        | 56   | (image near5 (query or search)) and 382/305.ccls.  | USPAT | 2002/12/03 16:30 |
| -        | 26   | ((image near5 (query or search)) and 382/305.ccls.) and segment\$6   | USPAT | 2002/12/03 16:31 |
| -        | 302  | 382/305.ccls.  | USPAT | 2002/12/04 10:14 |
| -        | 3    | 382/305.ccls. and (normaliz\$6 near imag\$4)   | USPAT | 2002/12/04 13:59 |
| -        | 9    | ("3710323"   "4173015"   "4533959"   "4658424"   "5062141"   "5077811"   "5113453"   "5136659"   "5481626").PN.  | USPAT | 2002/12/04 11:34 |
| -        | 17   | 382/305.ccls. and segment\$6 and rotat\$4 and scal\$4  | USPAT | 2002/12/04 14:15 |
| -        | 14   | 382/305.ccls. and segment\$6 and rotat\$4 and scal\$4 and translat\$4  | USPAT | 2002/12/04 14:42 |
| -        | 39   | Naveen.in.   | USPAT | 2002/12/04 14:44 |
| -        | 2    | Naveen.in. and Grass.as.   | USPAT | 2002/12/04 14:46 |
| -        | 156  | "Grass Valley".as.   | USPAT | 2002/12/04 14:47 |
| -        | 3    | 5784501.URPN.  | USPAT | 2002/12/04 15:09 |
| -        | 96   | progressiv\$4 near6 quantiz\$6   | USPAT | 2002/12/04 16:28 |
| -        | 316  | bitmap and segment\$7 and normaliz\$6  | USPAT | 2003/01/14 18:16 |
| -        | 210  | (bitmap and segment\$7 and normaliz\$6) and (search\$4 or query)   | USPAT | 2003/01/14 18:17 |
| -        | 199  | ((bitmap and segment\$7 and normaliz\$6) and (search\$4 or query)) and image   | USPAT | 2003/01/15 12:03 |
| -        | 7    | ((((bitmap and segment\$7 and normaliz\$6) and (search\$4 or query)) and image) and mean and covariance and eigenvector  | USPAT | 2003/01/14 18:20 |
| -        | 43   | ((bitmap and segment\$7 and normaliz\$6) and (search\$4 or query)) and image and (pixel near10 (blob or cluster\$4))   | USPAT | 2003/01/15 11:38 |
| -        | 13   | ((bitmap and segment\$7 and normaliz\$6) and (search\$4 or query)) and image and (pixel near5 (blob or cluster\$4))  | USPAT | 2003/01/15 11:56 |
| -        | 30   | ((((bitmap and segment\$7 and normaliz\$6) and (search\$4 or query)) and image and (pixel near10 (blob or cluster\$4))) not (((bitmap and segment\$7 and normaliz\$6) and (search\$4 or query)) and image and (pixel near5 (blob or cluster\$4)))) | USPAT | 2003/01/15 11:56 |
| -        | 56   | ((bitmap and segment\$7 and normaliz\$6) and (query near5 image))  | USPAT | 2003/01/15 12:04 |
| -        | 7    | ("5129011"   "5576950"   "5586197"   "5644765"   "5652881"   "5734893"   "5802361").PN.  | USPAT | 2003/01/15 14:20 |
| -        | 112  | 382/180.ccls.  | USPAT | 2003/01/15 16:57 |
| -        | 7    | 382/180.ccls. and segment\$7 and (blob or cluster\$4) and bitmap   | USPAT | 2003/01/15 17:18 |
| -        | 0    | 382/180.ccls. and segment\$7 and (normaliz\$6 near4 bitmap)  | USPAT | 2003/01/15 17:19 |

|   |    |  |                |                  |
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| - | 7  | (QBIC or "Query by image content") and segment\$6 and (cluster\$4 or blob) and bitmap  | USPAT          | 2003/01/15 17:23 |
| - | 32 | (QBIC or "Query by image content") and normaliz\$6   | USPAT          | 2003/01/15 17:23 |
| - | 5  | (QBIC or "Query by image content") and (normaliz\$6 near10 (segment\$6 or cluster\$4 or blob or bitmap))   | USPAT          | 2003/01/15 17:24 |
| - | 4  | ("5579471"   "5751286"   "5913205"   "5915250").PN.  | USPAT          | 2003/01/15 17:32 |
| - | 0  | 6192150.URPN.  | USPAT          | 2003/01/15 17:35 |
| - | 5  | ("5751286"   "5821945"   "5852823"   "5920856"   "6088483").PN.  | USPAT          | 2003/01/15 18:00 |
| - | 0  | estimat\$4 near10 (mean or avg or averag\$4) near10 eigenvector\$4 near10 direction\$4 near10 translat\$4 near10 rotat\$4 near10 scal\$4   | USPAT          | 2003/01/16 14:49 |
| - | 95 | estimat\$4 and (mean or avg or averag\$4) and eigenvector\$4 and direction\$4 and translat\$4 and rotat\$4 and scal\$4   | USPAT          | 2003/01/16 14:53 |
| - | 68 | estimat\$4 and (mean or avg or averag\$4) and eigenvector\$4 and direction\$4 and translat\$4 and rotat\$4 and scal\$4 and normaliz\$6   | USPAT          | 2003/01/16 14:51 |
| - | 43 | estimat\$4 and (mean or avg or averag\$4) and eigenvector\$4 and direction\$4 and translat\$4 and rotat\$4 and scal\$4 and normaliz\$6 and (height or vertical\$4)   | USPAT          | 2003/01/16 14:53 |
| - | 66 | estimat\$4 and (mean) and eigenvector\$4 and direction\$4 and translat\$4 and rotat\$4 and scal\$4   | USPAT          | 2003/01/16 14:53 |
| - | 0  | (estimat\$4 and (mean) and eigenvector\$4 and direction\$4 and translat\$4 and rotat\$4 and scal\$4 and normaliz\$6 and (height or vertical\$4)) and bitmap  | USPAT          | 2003/01/16 14:54 |
| - | 33 | estimat\$4 and (mean) and eigenvector\$4 and direction\$4 and translat\$4 and rotat\$4 and scal\$4 and normaliz\$6 and (height or vertical\$4)   | USPAT          | 2003/01/16 14:55 |
| - | 4  | ("5375195"   "5432864"   "5465308"   "5497430").PN.  | USPAT          | 2003/01/17 12:03 |
| - | 1  | 6240423.pn.  | USPAT          | 2003/01/17 14:14 |
| - | 23 | (US-6275610-\$ or US-5999664-\$ or US-6445834-\$ or US-6400853-\$ or US-6345274-\$ or US-6269358-\$ or US-6246804-\$ or US-6192150-\$ or US-5751286-\$ or US-5784501-\$ or US-5644765-\$ or US-3710323-\$ or US-6256412-\$ or US-6504546-\$ or US-6266442-\$ or US-6181829-\$ or US-5982438-\$ or US-5946419-\$ or US-5764814-\$ or US-5748789-\$ or US-5321773-\$ or US-6415282-\$ or US-5774129-\$).did.               | USPAT<br>USPAT | 2003/01/17 15:00 |
| - | 5  | ((US-6275610-\$ or US-5999664-\$ or US-6445834-\$ or US-6400853-\$ or US-6345274-\$ or US-6269358-\$ or US-6246804-\$ or US-6192150-\$ or US-5751286-\$ or US-5784501-\$ or US-5644765-\$ or US-3710323-\$ or US-6256412-\$ or US-6504546-\$ or US-6266442-\$ or US-6181829-\$ or US-5982438-\$ or US-5946419-\$ or US-5764814-\$ or US-5748789-\$ or US-5321773-\$ or US-6415282-\$ or US-5774129-\$).did.) and density | USPAT          | 2003/01/17 15:00 |
| - | 86 | QBIC or "Query by image content"   | USPAT          | 2003/01/17 15:02 |
| - | 17 | (QBIC or "Query by image content") and density   | USPAT          | 2003/01/17 15:10 |

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|   |        | 4   | ((US-6275610-\$ or US-5999664-\$ or<br>US-6445834-\$ or US-6400853-\$ or<br>US-6345274-\$ or US-6269358-\$ or<br>US-6246804-\$ or US-6192150-\$ or<br>US-5751286-\$ or US-5784501-\$ or<br>US-5644765-\$ or US-3710323-\$ or<br>US-6256412-\$ or US-6504546-\$ or<br>US-6266442-\$ or US-6181829-\$ or<br>US-5982438-\$ or US-5946419-\$ or<br>US-5764814-\$ or US-5748789-\$ or<br>US-5321773-\$ or US-6415282-\$ or<br>US-5774129-\$).did.) and mirror\$4 | USPAT            | 2003/01/17 15:12 |
| - | -      | 0   | (QBIC or "Query by image content") and<br>(mirror\$4 near5 image)   | USPAT            | 2003/01/17 15:22 |
| - | 117897 | mirror\$4 near5 image   | USPAT   | 2003/01/17 16:13 |                  |
| - | 979    | (mirror\$4 near5 image) and 382/\$.cccls.   | USPAT   | 2003/01/17 16:36 |                  |
| - | 788    | ((mirror\$4 near5 image) and 382/\$.cccls.)<br>and ((pattern near3 match\$4) or (compar\$4)<br>or query)          | USPAT   | 2003/01/17 15:25 |                  |
| - | 143    | ((mirror\$4 near5 image) and 382/\$.cccls.)<br>and ((pattern near3 match\$4) or query)                            | USPAT   | 2003/01/17 16:07 |                  |
| - | 42     | ((((mirror\$4 near5 image) and 382/\$.cccls.)<br>and ((pattern near3 match\$4) or query))<br>and rotate           | USPAT   | 2003/01/17 16:07 |                  |
| - | 400    | mirror\$4 near5 image near5 compar\$5   | USPAT   | 2003/01/17 16:14 |                  |
| - | 293    | mirror\$4 near2 image near5 compar\$5   | USPAT   | 2003/01/17 16:16 |                  |
| - | 11     | (mirror\$4 near2 image near5 compar\$5) and<br>382/\$.cccls.  | USPAT   | 2003/01/17 16:14 |                  |
| - | 1      | mirror\$4 near2 image near5 compar\$5 near5<br>rotate   | USPAT   | 2003/01/17 16:17 |                  |
| - | 1      | mirror\$4 near2 image near5 compar\$5 near10<br>rotate  | USPAT   | 2003/01/17 16:17 |                  |
| - | 5      | mirror\$4 near2 image near5 compar\$5 same<br>rotate  | USPAT   | 2003/01/17 16:20 |                  |
| - | 0      | various near2 mirror\$4 near2 image   | USPAT   | 2003/01/17 16:21 |                  |
| - | 128    | version near2 mirror\$4 near2 image   | USPAT   | 2003/01/17 16:22 |                  |
| - | 78     | mirror\$4 near2 image near5 compar\$5 and<br>rotate   | USPAT   | 2003/01/17 16:34 |                  |
| - | 2      | (mirror\$4 near5 image) and 382/229.cccls.  | USPAT   | 2003/01/17 16:37 |                  |
| - | 165    | (mirror\$4 near5 image) and<br>382/181-231.cccls.   | USPAT   | 2003/01/17 16:41 |                  |
| - | 75     | (mirror\$4 near image) and<br>382/181-231.cccls.  | USPAT   | 2003/01/17 16:45 |                  |
| - | 13     | (mirror\$4 near image) same (compar\$6 or<br>match\$4 or find\$4 or search\$4 or query)<br>and 382/181-231.cccls. | USPAT   | 2003/01/17 16:51 |                  |
| - | 369    | 382/209.cccls.  | USPAT   | 2003/01/17 16:52 |                  |
| - | 4      | 382/209.cccls. and (mirror\$4 near image)   | USPAT   | 2003/01/21 11:29 |                  |
| - | 10     | 382/209.cccls. and (mirror\$4 near5 image)  | USPAT   | 2003/01/17 17:00 |                  |
| - | 101402 | mirror\$4 near image  | USPAT   | 2003/01/21 11:30 |                  |
| - | 618    | (various or several or many or different<br>or rotate\$2 or flip\$4) near3 mirror\$4 near<br>image                | USPAT   | 2003/01/21 11:34 |                  |
| - | 1      | "5144688".PN.   | USPAT   | 2003/01/21 12:52 |                  |